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- 21 (distributed or network\$3 or client-server) same (test\$3 near3 gui) - 381 714/46.ccls. - 4 ("5359546" "6401220" "5371883" "6471794").pn. - 4 ("5359546" "6401220" "5371883" "6182245").pn. - 4 ("5359546" "6401220" "5371883" "6182245").pn. - 4 ("5359546" "6401220" "5371883" "6182245").pn. - 3828 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnostic or diagnos\$3) - 1951 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnostic or diagnos\$3) - 1 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) same (queue\$3 or threshold or minimum or reboot\$3 or re-boot\$3) - 1 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) same (queue\$3 and (threshold or minimum) and (reboot\$3 or re-boot\$3) - 68 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19 (1717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19 (1717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19 (1717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19 (1717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19 (1717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19 (1717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19 (1717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19 (1717/124.ccls. or 714/???.ccls.)	-				2004/08/10 07:34
- 381 714/46.ccls 4 ("5359546" "6401220" "5371883" "6471794").pn 4 ("5359546" "6401220" "5371883" "6182245").pn 4 ("5359546" "6401220" "5371883" "6182245").pn USPAT 2004/08/19	-			1	2004/08/10 07:34
- 4 ("5359546" "6401220" "5371883" "6471794").pn. USPAT 2004/08/19 - 4 ("5359546" "6401220" "5371883" "6182245").pn. USPAT 2004/08/19 - 3828 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnostic or diagnos\$3) and (queue\$3 or threshold or minimum or reboot\$3 or re-boot\$3) - 1951 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnostic or diagnos\$3) same (queue\$3 or threshold or minimum or reboot\$3 or re-boot\$3) - 1 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) same (queue\$3 and (threshold or minimum or reboot\$3 or re-boot\$3) - 68 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19)	-				2004/08/10 08:02
- 4 ("5359546" "6401220" "5371883" "6182245").pn. USPAT 2004/08/19 4 ("5359546" "6401220" "5371883" "6182245").pn. USPAT 2004/08/19 4 ("5359546" "6401220" "5371883" "6182245").pn. USPAT 2004/08/19 4 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnostic or diagnos\$3) and (queue\$3 or threshold or minimum or reboot\$3 or re-boot\$3) (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) same (queue\$3 or threshold or minimum or reboot\$3 or re-boot\$3) (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) same (queue\$3 and (threshold or minimum) and (reboot\$3 or re-boot\$3) (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19 (1717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19 (1717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19 (1717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19 (1717/124.ccls. or 714/???.ccls.)	-	381		USPAT	2004/08/10 08:02
- 4 ("5359546" "6401220" "5371883" "6182245").pn. USPAT 2004/08/19 4 ("5359546" "6401220" "5371883" "6182245").pn. USPAT 2004/08/19 4 ("5359546" "6401220" "5371883" "6182245").pn. USPAT 2004/08/19 4 (1717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnostic or diagnos\$3) and (queue\$3 or threshold or minimum or reboot\$3 or re-boot\$3) (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) same (queue\$3 or threshold or minimum or reboot\$3 or re-boot\$3) (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) same (queue\$3 and (threshold or minimum) and (reboot\$3 or re-boot\$3)) (98PAT 2004/08/19 40 40 40 40 40 40 40 40 40 40 40 40 40	-	4		USPAT	2004/08/19 07:35
- 4 ("5359546" "6401220" "5371883" "6182245").pn. USPAT 2004/08/19 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnostic or diagnos\$3) and (queue\$3 or threshold or minimum or reboot\$3 or re-boot\$3) - 1951 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnostic or diagnos\$3) uSPAT 2004/08/19 (2004	-	4		USPAT	2004/08/19 07:51
- 3828 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnostic or diagnos\$3) and (queue\$3 or threshold or minimum or reboot\$3 or re-boot\$3) - 1951 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnostic or diagnos\$3) USPAT 2004/08/19 same (queue\$3 or threshold or minimum or reboot\$3 or re-boot\$3) - 1 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) same (queue\$3 and (threshold or minimum) and (reboot\$3 or re-boot\$3)) - 68 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19)	-	4			2004/08/19 08:09
and (queue\$3 or threshold or minimum or reboot\$3 or re-boot\$3) (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnostic or diagnos\$3) same (queue\$3 or threshold or minimum or reboot\$3 or re-boot\$3) (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) same (queue\$3 and (threshold or minimum) and (reboot\$3 or re-boot\$3)) (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19)	-	3828			2004/08/19 08:14
- 1951 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnostic or diagnos\$3)				1	
same (queue\$3 or threshold or minimum or reboot\$3 or re-boot\$3) 1 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) same (queue\$3 and (threshold or minimum) and (reboot\$3 or re-boot\$3)) 68 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19)	-	1951		USPAT	2004/08/19 08:14
- 1 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) same USPAT 2004/08/19 (queue\$3 and (threshold or minimum) and (reboot\$3 or re-boot\$3)) - 68 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19)					
(queue\$3 and (threshold or minimum) and (reboot\$3 or re-boot\$3)) - 68 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19)	-	1		USPAT	2004/08/19 08:16
- 68 (717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or USPAT 2004/08/19		•			200 1/00/17 00:10
	-	68		USPAT	2004/08/19 08-17
		00			2007/00/19 00:1/
re-boot\$3))					

-	2	(717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or	USPAT	2004/08/19 08:17
		interface) same (queue\$3 or (threshold or minimum)) and (reboot\$3 or		
		re-boot\$3)		
-	. 1	(717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) near5 (gui or	USPAT	2004/08/19 08:20
		interface) same (reboot\$3 or re-boot\$3)		
-	28	(717/124.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3)same	USPAT	2004/08/19 08:26
		(reboot\$3 or re-boot\$3)		
-	18	(717/???.ccls. or 714/???.ccls.) and (test\$3 or diagnos\$3) same	USPAT	2004/08/19 09:36
		(reboot\$3 or re-boot\$3) near5 (computer or client or target)		
-	2	("6775824" "5819092").pn.	USPAT	2004/08/19 09:43
-	2	("6775824" "5819092").pn. and (test\$3 and (web or display or html or	USPAT	2004/08/19 09:44
		page))		

<u>Automated distributed system testing: designing an RTI verification system</u> John Tufarolo, Jeff Nielsen, Susan Symington, Richard Weatherly, Annette Wilson, Timothy C. Hyon

Timothy C. Hyon
December 1999 Proceedings of the 31st conference on Winter simulation:
Simulation---a bridge to the future - Volume 2

Full text available: pdf(108.25 KB)

Additional Information: full citation, references, citings, index terms

³ A visual test development environment for GUI systems

Thomas Ostrand, Aaron Anodide, Herbert Foster, Tarak Goradia
March 1998 ACM SIGSOFT Software Engineering Notes, Proceedings of the
1998 ACM SIGSOFT international symposium on Software testing
and analysis, Volume 23 Issue 2

Full text available: pdf(2.05 MB)

Additional Information: full citation, abstract, references, citings, index terms

We have implemented an experimental test development environment (TDE) intended to raise the effectiveness of tests produced for GUI systems, and raise the productivity of the GUI system tester. The environment links a test designer, a test design library, and a test generation engine with a standard commercial capture/replay tool. These components provide a human tester the capabilities to capture sequences of interactions with the system under test (SUT), to visually manipulate and modify the s ...

Keywords: GUI-based system, capture/reply, test coverage, test designer, test generation, test maintenance, test scenario, testing, visual editor

h

1 Hierarchical GUI test case generation using automated planning

Memon, A.M.; Pollack, M.E.; Soffa, M.L.; Software Engineering, IEEE Transactions on , Volume: 27 , Issue: 2 , Feb. 2001

Pages:144 - 155

[Abstract] [PDF Full-Text (948 KB)] IEEE JNL

2

Coverage criteria for GUI testing

Atif M. Memon, Mary Lou Soffa, Martha E. Pollack

September 2001 ACM SIGSOFT Software Engineering Notes, Proceedings of the 8th European software engineering conference held jointly with 9th ACM SIGSOFT international symposium on Foundations of software engineering, Volume 26 Issue 5

Full text available: pdf(1.47 MB)

Additional Information: full citation, abstract, references, citings, index terms

A widespread recognition of the usefulness of graphical user interfaces (GUIs) has established their importance as critical components of today's software. GUIs have characteristics different from traditional software, and conventional testing techniques do not directly apply to GUIs. This paper's focus is on coverage critieria for GUIs, important rules that provide an objective measure of test quality. We present new coverage criteria to help determine whether a GUI has been adequately tested. ...

Keywords: GUI test coverage, GUI testing, component testing, event-based coverage, event-flow graph, integration tree